



WILDCAT CONSTRUCTION CO., INC.

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Colorado Springs, CO 80920
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Transmittal No.
Submittal No.

007
007

Job #: 75183

Date: 4/22/2022

To: City of Colorado Springs
Public Works
30 S Nevada Avenue, Suite 403
Colorado Springs, CO 80903

Project: Black Forest Roadway Widening
Project No. T010681

Attn: Mike Chavez
Project Manager/ Engineering Manager

Phone:

☒ Attached
☒ Submittal

☐ Shop Drawings
☐ Resubmittal

☐ Samples
☐ RFI

☐ O & M Manuals
☒ Electronically
☐ Certifications

Copies	Spec. # / Plan #	Description
1		Straw Wattles/ Logs
		Rock Socks

☒ For Approval
☐ For Your Use
☐ As Requested

☐ Approved as Submitted
☐ Approved as Noted
☐ Revise & Resubmit

☐ For Review & Comment
☐ Return 3 copies

Remarks:

From:

Thomas J Hartley

Project Manager/Estimator - Wildcat Construction

By this submittal, I hereby represent that I have determined and verified all field measurements, field construction criteria, materials, dimensions, catalog, numbers, and similar data, and I have reviewed and approved this submittal and checked and coordinated each item with other applicable shop drawings and all Contract Document requirements.

Approved By: _____

Date: _____

*This approval does not release subcontractor / vendor from their contractual responsibilities.

TRIPLE C FARMS LLC

Rt. 1 Box 84, San Acacio 81151

Phone (719) 580-0792, (719) 674-7040 * Fax (719) 274-0456

E-mail kitcaldon@gmail.com

9" Straw Wattles/Logs

Used as sediment filter barrier on slopes and erosion-prone areas. When installed, they reduce surface sheet flow erosion and capture sediment.

SPECIFICATIONS

LENGTH:	25' STANDARD (OTHER LENGTHS CAN BE SPECIAL (ORDERED))
DIAMETER:	R9" (+/- 10%)
CORE:	AGRICULTURE, CERTIFIED NOXIOUS WEED FREE STRAW
ROLL WEIGHT:	AVERAGE 50 LBS. (+/- 10%)
WEIGHT PER LF:	NO LESS THAN 2LBS. (+/- 10%)
NETTING SPECS:	SEE ATTACHED

PROPERTY ⁽¹⁾	STANDARD	UNITS	TYPICAL VALUES ⁽²⁾	TEST CONDITIONS OR REMARKS
Dimensional				
Stretch Width	MN-TS-001-95 ⁽³⁾	inches (mm)	31.50 (800) +/- 0.75 (19)	2.5 lbs (1.13kg)
Tube Max Diameter	n/a	inches (mm)	20.0 (509)	Formula
Weight	MN-TS-002-95 ⁽³⁾	grams/linear foot (grams/linear meter)	14.75 (48.4) +/- 1.0 (3.3)	
# of Knots	n/a	n/a	73	
Knot Pitch (Diamond Size)	n/a	inches (mm)	0.60 (15)	
Degradability				
Photodegradability	ASTM D 4355	% Tensile Strength Retained MD	104	Controlled Conditions Speed: 12 in/min Specimen: 4 inches Exposed for 500hrs Recommended for 2 years outdoors ⁽⁴⁾
(Before & After Tensile test)	via (ASTM D 6818)	% Tensile Strength Retained TD	104	
		% Elongation Retained MD	100	
		% Elongation Retained TD	90	
Presentation				
Color	n/a	n/a	Black	
Roll Length ⁽⁵⁾	n/a	feet (meters)	2,000 (609)	Core length: 20.125"
Core ID	n/a	inches (mm)	3.0 (76)	Core length: 20.125"
Roll OD	n/a	inches (mm)	16.0 (406)	Core length: 20.125"
Roll Weight (gross)	n/a	lbs (Kg)	66.1 (30.0)	
Packaging ⁽⁶⁾	n/a	rolls	12/skid, Wrapped	
Splices Allowed	n/a	units	2	

(1) Properties designated have been determined in accordance with the current issues of the specified testing methods. Methods of the American Society for Testing and Materials (ASTM) are used wherever applicable.

(2) Typical values represent average laboratory values and are intended as guides only, not as specifications.

(3) Internal test designed for Uniaxial Oriented Nets.

(4) Studies indicate that ϵ_f could be reduced by 50% and α_f by 1% in 2 years under the South Florida radiation conditions (660KJ/cm² per year and at sea level) land elevations and weather conditions could modify these figures. In this particular case the data belong to specimen with the same properties and process conditions.

(5) The length is customizable.

(6) Customizable.

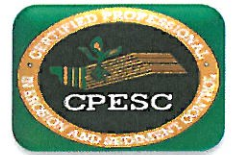
The above information is provided in good faith, and to our knowledge, true and accurate. However, since the particular uses and the actual conditions of use of our products are beyond our control, establishing satisfactory performance of our products for the intended application is the customer's sole responsibility. Masternet Ltd does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written arising from any usage in connection with the use of the information contained herein or the product itself.

Our Sediment Control Products are used in a multitude of applications, providing benefits such as :

- Better filtering of runoff waters
- Preventing check dam blowouts
- Protecting water from going around check dams
- Preventing the spread of non-native vegetation
- Ease of use: Easier to handle and install than straw bales



ESI Resource Services LLC
11854 Larisa Way
Rancho Cordova, CA 95742
Tel 916-985-7787 Fax 916-985-7887



Chris A. Marr CPESC #2211

Certificate of Compliance

DATE: 12-28-17



As a manufacture representative of "Woven Snake Bag Roll", we certify that the material to be supplied will meet or exceed the following Physical specifications.

Property	Test Method	Woven (Typical:)
Fabric Weight	ASTM D-5261	5 oz./sq./yd.
Wide Width Tensile (MD/TD)	ASTM D-4595	2400/1680 lbs
Grab Tensile (MD/TD)	ASTM D-4632	365/200 lbs.
Trapezoid Tear (MD/TD)	ASTM D-4533	115/75 lbs.
Puncture	ASTM D-4833	112 lbs.
Apparent Opening Size	ASTM D-4751	40 US Sieve (0.425mm).
Mullen Burst	ASTM D-3786	450 psi.
Permittivity	ASTM D-4491	2.1 sec ⁻¹
Permeability	ASTM D-4491	0.14 cm/sec
Water Flow	ASTM D-4491	145 gal/min per sq. ft.
UV Resistance (500hrs)	ASTM D-4355	90%
Material	High Density Polyethylene (HDPE)	

We at ESI Resource Services look forward for future business with your company.

Chris A. Marr Aff.M.ASCE CPESC #2211
ESI Resource Services LLC
WCIECA Board Member
Tel# 623-386-5666 cell# 209-712-2616



International Erosion Control Association

